

# BHP

## Innovation drives safety in mining

In a highly regulated, high-risk industry, BHP Mt Arthur Coal found an innovative partner in Avetta to meet legislation and ensure a safe workforce on site - increasing contractor compliance and saving the work of two administrators.



### Industry

Mining

### Profile

- One of the world's top producers of iron ore, copper, nickel and metallurgical coal
- Founded in 1885

### Challenges

- Lack of standardisation within contractor engagement and safety

### Goal

- Create visibility around worker roles and responsibilities
- Reach mandatory legislative requirements

### Results

- Implementation of the Avetta Contractor Management System

## The Challenge

BHP is the world's second largest mining company and Australia's fourth-largest company by revenue. BHP Mt Arthur Coal is the largest coal production site in the NSW Hunter Valley, producing coal for the energy sector.

In a highly regulated, high-risk industry, BHP recognised inconsistencies around contractor management – a lack of clarity about worker roles and responsibilities, and inadequate critical controls to manage risk.

This inconsistency, and legislative requirements, triggered BHP to introduce a global Contractor Management Framework to standardise contractor engagement and safety.

“ We have saved two admin resources - approximately \$300,000 each year - using the Avetta system, and have had a 50% increase in contractor compliance.”

**Laurentiu Aldea, Superintendent  
Site Systems, BHP.**

# The Results

The Avetta Contractor Management System underscores BHP's Requirements for Safety standards, where having the right controls in place to effectively manage safety risks will lead to improved safety outcomes.

## A safer mine

BHP Mt Arthur Coal's Avetta solution includes Company Pre-Qualification, where the insurances and licences of contracting companies are collected and verified, and Worker Competency Management, where workers are registered with site roles, supporting competency documents, and appointment letters.

*"The same as a driver is required to have a driver's licence to ensure safety on the roads, a mine worker is required to be trained, authorised and competent to perform their work safely on a mine,"* said Laurentiu.

*"The Avetta contractor management system ensures workers are authorised to perform work safely, therefore assisting us in the journey to achieve Zero Harm on our site."*

## A 50% increase in contractor compliance

With the safety and compliance of over 3,500 contractors now managed in the Avetta platform, BHP Mt Arthur Coal has tangible results of the success of the partnership.

*"Before implementing the Avetta Worker Competency module, compliance reporting was sitting at around 25 per cent,"* said Laurentiu. *"It has since risen to around 75 per cent, a 50 per cent increase in contractor compliance."*

## \$300,000 a year saved

The volume of contractors engaged to work at BHP Mt Arthur Coal meant administrators were working fulltime to manage contractor compliance and onboarding. Substantial savings are now being enjoyed with the Avetta solution, enabling more people to monitor the data collected, but fewer needed to manually process it.

*"Based on the volume of contractors onboarding in each operational department, we have saved two admin resources, which is approximately \$300,000 each year,"* said Laurentiu.

## An innovation partnership

The unique features of the Avetta platform stood out when BHP Mt Arthur Coal was choosing a workforce safety partner, including the alignment of the Avetta vision and BHP's needs.

*"The greatest benefit of working with Avetta has been the high level of innovation and features available in their packages that aren't available in other products we have investigated,"* said Laurentiu.

Innovations like the Avetta Client Portal – providing client's insight and control in their own portal, linked to data in their contractor system - the Mobile App - for instant compliance checks - and the Asset Management Portal - for compliant equipment - has cultivated a partnership based on continuous improvement.